

92RF 6669

## EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC  
ROCKY FLATS PLANT P O BOX 464 GOLDEN, COLORADO 80402-0464 • (303) 966-7000

**June 12, 1992**

92-RF-6669

**Terry A Vaeth**  
**Manager**  
**DOE, RFO**

Attn F R Lockhart

## STATUS OF SPENT CARBON FROM THE SOUTH WALNUT CREEK IM/IRA - JMK-0569-92

Ref F R Lockhart ltr (6188) to J E Evered, OU 2 Surface Water IM/IRA Wastes,  
June 9, 1992

In response to above-referenced letter, EG&G Rocky Flats, Inc (EG&G) is providing a status update on the Granular Activated Carbon (GAC) units for the South Walnut Creek Interim Measure/Interim Remedial Action (IM/IRA). The status update addresses 1) regeneration offsite and onsite, 2) planned and actual analytical characterization sampling, 3) storage of the spent GAC units, and 4) time frame for handling the spent units.

Environmental Management has been working on the issue of regenerating spent carbon for approximately two years. Generally, two main issues must be dealt with. First, the potential of added radiation being present in the spent carbon creates a shipment problem for offsite regeneration. Second, onsite regeneration would involve incineration, and therefore creates RCRA permitting, air emissions, and construction problems. For further details contact the DOE/RFO lead on this issue, John Dion at extension 5904.

Planned sampling will be the same for the existing GAC unit and the GAC unit used for the Field Treatability Study. Analytical samples of the spent carbon units are collected on a continual basis. To date, four spent carbon units have been sampled. Two units were sampled in late December 1992 and two samples were sampled during the first week of May 1992. The samples will be analyzed for TCLP metals, volatile organics, and radionuclides. The laboratory results of these sampling events are currently being tracked by EG&G. EG&G anticipates that the December sampling event results will be available in the next two weeks.

Estimated carbon usage for the GAC unit is one vessel every four months. Samples will be collected as the GAC units are spent for characterization. Actual carbon usage may vary throughout the duration of the project.

IN REPLY TO RFP CC NO

3069-RF-92

ACTIC ITEM STATUS

☐ OPEN ☐ CLOSED

7 PARTIAL

LTR APPROVALS CBG:UK

DA: JEFF. ~~---~~

ORIG & TYPIST INITIALS

FAD/mf

5/17/25

7-5-69 (Rev 4-92)

## ADMIN RECORD

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On June 10, 1992, DOE/RFO gave EG&G direction to handle the spent carbon as RCRA waste. The spent carbon units will be moved from the GAC site to Tent 1 and stored in Interim Status Storage. The spent carbon will be transferred from the GAC vessels to drums until laboratory results are available. When laboratory results are received, the RCRA waste determination will be reevaluated and the spent carbon handled accordingly.

EG&G anticipates moving the spent carbon units to Tent 1, Interim Status Storage, during the week of June 15 or June 22, 1992 depending on the time required to transfer the carbon into drums and then move those drums.

If you have any questions regarding this issue, please contact D W Pontius at extension 8616 or E A Dillé at extension 8684, both of the Remediation Programs Division.

  
J M Kersh, Associate General Manager  
Environmental and Waste Management  
EG&G Rocky Flats, Inc

EAD dmf

Ong and 1 cc - T A Vaeth

cc  
S R Grace - DOE, RFO